

MAJORIS DT157X - 8106

High Crystallinity Polypropylene

AD majoris

Message:

MAJORIS DT157X - 8106 is a high performance reinforced polypropylene high crystallinity compound intended for injection moulding.

The product is available in natural, but other colours can be provided on request.

MAJORIS DT157X - 8106 has been developed especially for demanding automotive applications and various engineering sectors.

MAJORIS DT157X - 8106 has high rigidity, good dimensional stability, very good stiffness and UV stabilised.

APPLICATIONS

Product requiring high overall mechanical performance such as:

Electrical tool and appliance components

Automotive parts

Miscellaneous technical items

General Information			
Additive	UV stabilizer		
Features	Good dimensional stability		
	Rigidity, high		
	Rigid, good		
	High crystallization		
	Good UV resistance		
Uses	Recyclable materials		
	Electrical/Electronic Applications		
	Power/other tools		
	Home appliance components		
	Application in Automobile Field		
Appearance	Available colors		
	Natural color		
Forms	Particle		
Processing Method	Injection molding		
Physical	Nominal Value	Unit	Test Method
Density	1.01	g/cm ³	ISO 1183
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	6.0	g/10 min	ISO 1133
Molding Shrinkage (2.00 mm)	1.3 - 1.7	%	Internal method
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Yield)	42.0	MPa	ISO 527-2/50
Flexural Modulus	2800	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength (23°C)	2.0	kJ/m ²	ISO 179/1eA

Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (0.45 MPa, Unannealed)	149	°C	ISO 75-2/B
Flammability	Nominal Value	Unit	Test Method
Flame Rating	HB		UL 94
Glow Wire Flammability Index (2.00 mm)	750	°C	IEC 60695-2-12
Injection	Nominal Value	Unit	
Drying Temperature	80.0	°C	
Drying Time	3.0	hr	
Processing (Melt) Temp	220 - 260	°C	
Mold Temperature	30.0 - 50.0	°C	
Injection Rate	Moderate		
Injection instructions			

Holding pressure: 50 to 70% of the injection pressure

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